

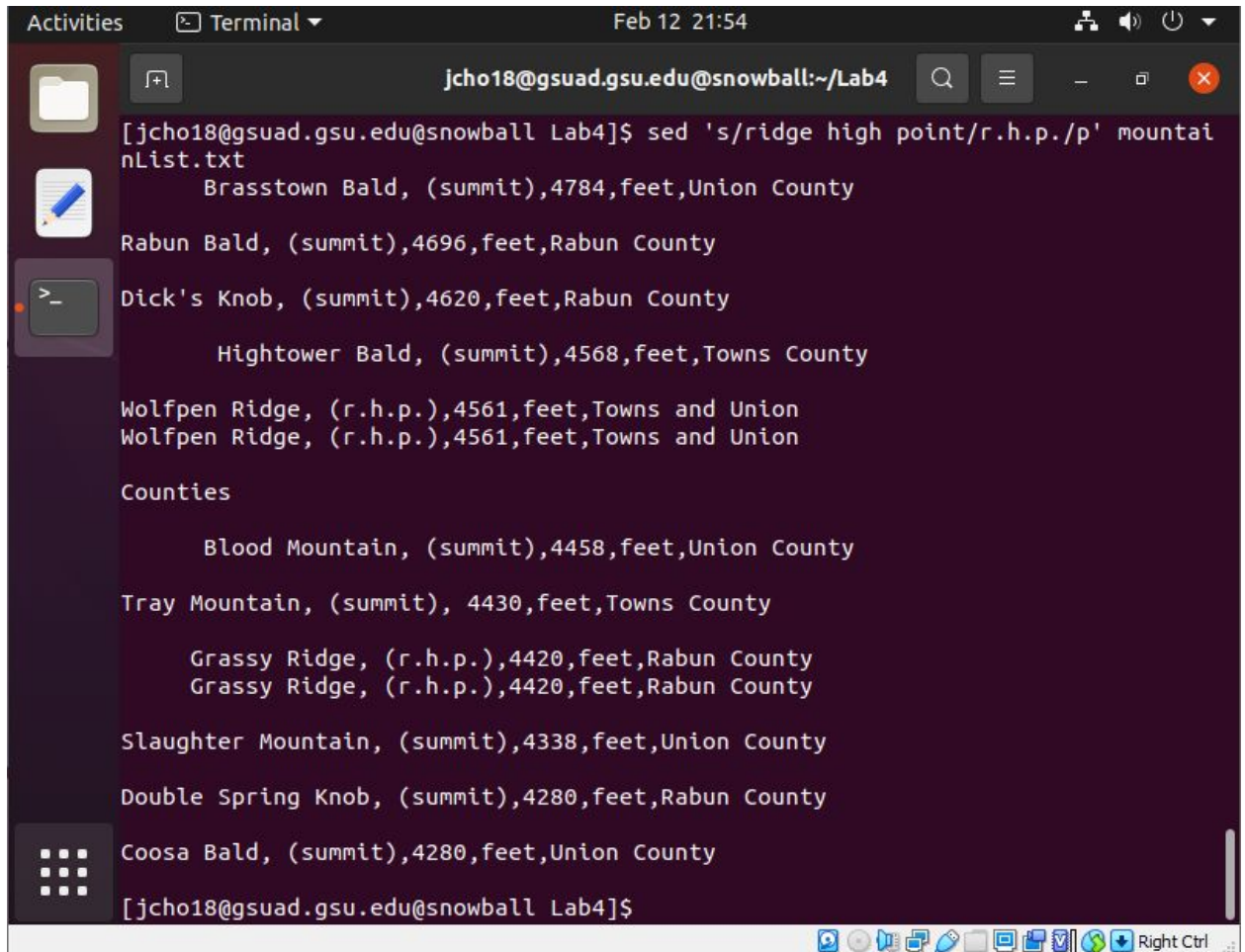
## Lab 4 Part 2 Jonathan Cho

1. 

```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ grep -w 'Towns\\|Union' mountainList.txt
    Brasstown Bald, (summit),4784,feet,Union County
    Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
    Blood Mountain, (summit),4458,feet,Union County
    Tray Mountain, (summit), 4430,feet,Towns County
    Slaughter Mountain, (summit),4338,feet,Union County
    Coosa Bald, (summit),4280,feet,Union County
[jcho18@gsuad.gsu.edu@snowball Lab4]$
```
2. 

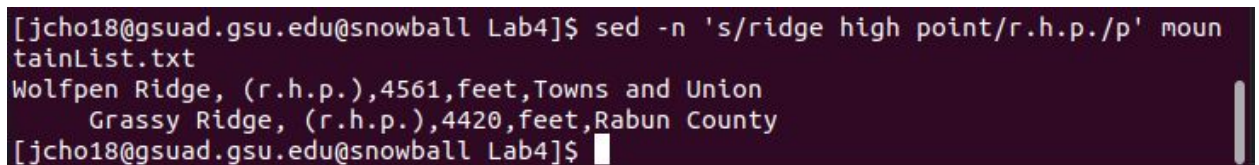
```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ grep "Rabun County" mountainList.txt | wc
-l
4
[jcho18@gsuad.gsu.edu@snowball Lab4]$
```
3. 

```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ grep -c "Rabun County" mountainList.txt
0
[jcho18@gsuad.gsu.edu@snowball Lab4]$
```



```
Activities Terminal Feb 12 21:54
jcho18@gsuad.gsu.edu@snowball:~/Lab4
[jcho18@gsuad.gsu.edu@snowball Lab4]$ sed 's/ridge high point/r.h.p./p' mountainList.txt
    Brasstown Bald, (summit),4784,feet,Union County
Rabun Bald, (summit),4696,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
    Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (r.h.p.),4561,feet,Towns and Union
Wolfpen Ridge, (r.h.p.),4561,feet,Towns and Union
Counties
    Blood Mountain, (summit),4458,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
    Grassy Ridge, (r.h.p.),4420,feet,Rabun County
    Grassy Ridge, (r.h.p.),4420,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union County
Double Spring Knob, (summit),4280,feet,Rabun County
Coosa Bald, (summit),4280,feet,Union County
[jcho18@gsuad.gsu.edu@snowball Lab4]$
```

4.



```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ sed -n 's/ridge high point/r.h.p./p' mountainList.txt
Wolfpen Ridge, (r.h.p.),4561,feet,Towns and Union
    Grassy Ridge, (r.h.p.),4420,feet,Rabun County
[jcho18@gsuad.gsu.edu@snowball Lab4]$
```

-n disables automatic printing

```

Activities  Terminal  Feb 12 22:09
jcho18@gsuad.gsu.edu@snowball:~/Lab4
tainList.txt
Wolfpen Ridge, (r.h.p.),4561,feet,Towns and Union
Grassy Ridge, (r.h.p.),4420,feet,Rabun County
[jcho18@gsuad.gsu.edu@snowball Lab4]$ sed -e's/[([].*[)]],//g' mountainList.txt
Brasstown Bald, 4784,feet,Union County

Rabun Bald, 4696,feet,Rabun County

Dick's Knob, 4620,feet,Rabun County

Hightower Bald, 4568,feet,Towns County

Wolfpen Ridge, 4561,feet,Towns and Union

Counties

Blood Mountain, 4458,feet,Union County

Tray Mountain, 4430,feet,Towns County

Grassy Ridge, 4420,feet,Rabun County

Slaughter Mountain, 4338,feet,Union County

Double Spring Knob, 4280,feet,Rabun County

Coosa Bald, 4280,feet,Union County

[jcho18@gsuad.gsu.edu@snowball Lab4]$

```

5.

```

[jcho18@gsuad.gsu.edu@snowball Lab4]$ command > newList.txt
[jcho18@gsuad.gsu.edu@snowball Lab4]$ ls
CSC_Course.txt mountainList.txt newList.txt
[jcho18@gsuad.gsu.edu@snowball Lab4]$

```

6.

```

[jcho18@gsuad.gsu.edu@snowball Lab4]$ sed -n '/ /p' mountainList.txt
Brasstown Bald, (summit),4784,feet,Union County
Rabun Bald, (summit),4696,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
Blood Mountain, (summit),4458,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
Grassy Ridge, (ridge high point),4420,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union County
Double Spring Knob, (summit),4280,feet,Rabun County
Coosa Bald, (summit),4280,feet,Union County
[jcho18@gsuad.gsu.edu@snowball Lab4]$

```

7.

```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ sed '/mountain/d' mountainList.txt  
sed '/mountain/d' '/mountainList.txt  
    Brasstown Bald, (summit),4784,feet,Union County  
  
Rabun Bald, (summit),4696,feet,Rabun County  
  
Dick's Knob, (summit),4620,feet,Rabun County  
  
    Hightower Bald, (summit),4568,feet,Towns County  
  
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union  
Counties  
  
    Blood Mountain, (summit),4458,feet,Union County  
  
Tray Mountain, (summit), 4430,feet,Towns County  
  
    Grassy Ridge, (ridge high point),4420,feet,Rabun County  
  
Slaughter Mountain, (summit),4338,feet,Union County  
  
Double Spring Knob, (summit),4280,feet,Rabun County  
  
Coosa Bald, (summit),4280,feet,Union County
```

8. > █



```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ sed -r 's/,([^\,]*){1},/,/g' public/ mount
ainList.txt
sed: can't read public/: No such file or directory
    Brasstown Bald,4784,Union County

    Rabun Bald,4696,Rabun County

    Dick's Knob,4620,Rabun County

    Hightower Bald,4568,Towns County

    Wolfpen Ridge,4561,Towns and Union
Counties

    Blood Mountain,4458,Union County

    Tray Mountain, 4430,Towns County

    Grassy Ridge,4420,Rabun County

    Slaughter Mountain,4338,Union County

    Double Spring Knob,4280,Rabun County

    Coosa Bald,4280,Union County
```

9. [jcho18@gsuad.gsu.edu@snowball Lab4]\$

```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ awk '{$2=$3=$4""; print $0}' mountainList.txt
Brasstown County County County

Rabun County County County

Dick's County County County

Hightower County County County

Wolfpen high high high point),4561,feet,Towns and Union
Counties

Blood County County County

Tray 4430,feet,Towns 4430,feet,Towns 4430,feet,Towns County

Grassy high high high point),4420,feet,Rabun County

Slaughter County County County

Double (summit),4280,feet,Rabun (summit),4280,feet,Rabun (summit),4280,feet,Rab
un County

Coosa County County County

[jcho18@gsuad.gsu.edu@snowball Lab4]$
```

10.

```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ sed '/Rabun/ i "Table: Eleven highest mountains in Georgia"' mountainList.txt
    Brasstown Bald, (summit),4784,feet,Union County

"Table: Eleven highest mountains in Georgia"
Rabun Bald, (summit),4696,feet,Rabun County

"Table: Eleven highest mountains in Georgia"
Dick's Knob, (summit),4620,feet,Rabun County

    Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
Counties

    Blood Mountain, (summit),4458,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County

"Table: Eleven highest mountains in Georgia"
    Grassy Ridge, (ridge high point),4420,feet,Rabun County

Slaughter Mountain, (summit),4338,feet,Union County

"Table: Eleven highest mountains in Georgia"
Double Spring Knob, (summit),4280,feet,Rabun County
```

11.

```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ sort -u mountainList.txt

    Blood Mountain, (summit),4458,feet,Union County
    Brasstown Bald, (summit),4784,feet,Union County
Coosa Bald, (summit),4280,feet,Union County
Counties
Dick's Knob, (summit),4620,feet,Rabun County
Double Spring Knob, (summit),4280,feet,Rabun County
    Grassy Ridge, (ridge high point),4420,feet,Rabun County
    Hightower Bald, (summit),4568,feet,Towns County
Rabun Bald, (summit),4696,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
[jcho18@gsuad.gsu.edu@snowball Lab4]$
```

12.

```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ sort -n -r mountainList.txt
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
Tray Mountain, (summit), 4430,feet,Towns County
Slaughter Mountain, (summit),4338,feet,Union County
Rabun Bald, (summit),4696,feet,Rabun County
    Hightower Bald, (summit),4568,feet,Towns County
    Grassy Ridge, (ridge high point),4420,feet,Rabun County
Double Spring Knob, (summit),4280,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
Counties
Coosa Bald, (summit),4280,feet,Union County
    Brasstown Bald, (summit),4784,feet,Union County
    Blood Mountain, (summit),4458,feet,Union County
```

13.

```
[jcho18@gsuad.gsu.edu@snowball Lab4]$ sed -E 's/((Union)\s(Country))/\1:\2/g' mountainList.txt
    Brasstown Bald, (summit),4784,feet,Union County

Rabun Bald, (summit),4696,feet,Rabun County

Dick's Knob, (summit),4620,feet,Rabun County

    Hightower Bald, (summit),4568,feet,Towns County

Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
Counties

    Blood Mountain, (summit),4458,feet,Union County

Tray Mountain, (summit), 4430,feet,Towns County

    Grassy Ridge, (ridge high point),4420,feet,Rabun County

Slaughter Mountain, (summit),4338,feet,Union County

Double Spring Knob, (summit),4280,feet,Rabun County
```

14.

15.